

Report Date: 7/25/01	U. S. DOE Project Manager's Progress Report	Office of Science
Project Number: 99-G-306	Title: Wilson Hall Safety Improvements Project	Program: HEP
Report Period: 4/01 - 6/01	Location: Fermi National Accelerator Laboratory	Project Office: FRMI

### SUMMARY ASSESSMENT

	Current Quarter	Previous Quarter
Cost:	Satisfactory	Satisfactory
Schedule:	Satisfactory	Satisfactory
Technical:	Satisfactory	Satisfactory
Overall:	Satisfactory	Satisfactory

### PROJECT MANAGEMENT

Mgr. (PGM):	B. Strauss
Phone:	301-903-3705
Mgr. (OPS):	S. Webster
Phone:	630-840-2130
Mgr. (Contractor)	E. McCluskey
	630-840-2193

### BASELINES

#### COST/FUNDING (\$K)

	Baseline	Current Estimate	Funding
DOE TPC:	18,800	18,800	17,390
DOE TEC:	15,600	15,600	15,600
NON DOE:	0	0	0

#### CRITICAL DECISIONS

Number	Title	Baseline	Actual/Forecast
CD-1	Approve Mission Need	09/97	9/4/97 A
CD-2	Approve Baselines	12/98	12/4/98 A
CD-3	Start Construction.	09/99	8/11/99 A
CD-4	Start Operations	06/02	06/02 F

### FUNDING PROFILE

#### Per Latest Approved Budget (FY 2001)

	Prior Yrs	FY 99	FY 00	FY 01	FY 02	Total
TEC	0	6,700	4,700	4,200	0	15,600
OPC	1,100	490	350	850	410	3,200
TPC	1,100	7,190	5,050	5,050	410	18,800

#### Cumulative Through June 30, 2001

	TEC (\$K)	TPC(\$K)
Remaining Contingency:	\$760 15%	\$760 11%
Costs Accrued:	\$9,689	\$11,383
Uncosted Commitments:	\$3,023	\$3,023

### **SCHEDULE SUMMARY**

	Start Date		Completion Date		Percent Complete	
	Baseline	Fore/Act	Baseline	Fore/Act	Baseline	Fore/Act
Design:	12/99	1/8/99	3/00	3/23/00		
Procurement:						
Construction:	6/99	8/11/99	6/02	6/02	78%	70%
Operation:						

#### Milestones Accomplished Since Last Report

#### Baseline Date

#### Actual Date

None

#### Key Milestones Upcoming (Next Three Months)

#### Baseline Date

#### Forecast Date

Interior Structural Repair Complete

8/22/01

8/10/01

### **NARRATIVE HIGHLIGHTS**

The project is progressing well. All major contracts are either complete or in place and on schedule.

The plumbing modification construction package is complete. This construction package completed plumbing modifications in the washrooms on the 1<sup>st</sup> through 6<sup>th</sup> floors and all the building wide plumbing systems.

The structural modifications construction package was awarded to Fred Berglund and Sons, Inc. on November 5, 1999. All crosswalk beams have been structurally repaired. This package is approximately 98 percent complete with only mechanical and electrical reconstruction on the 15<sup>th</sup> floor north crosswalk left to complete. Cleaning, repairing, and sealing of the exterior concrete has been added to this contract. The north face of Wilson Hall is complete. Work on the east, west, and south faces of the building have been initiated. The total contract value for this additional work is \$1.7M. This work is approximately 35 percent complete.

The window wall glazing package was awarded to R. C. Wegman Construction Co. on April 13, 2000. The skylight has been replaced and work has been completed on window replacement in the north window wall. The south window wall work has been initiated. This construction package is approximately 65 percent complete.

The front entry plaza work was awarded to Fred Berglund and Sons, Inc. The wall cap has been poured, the existing plaza pavers have been removed, and both hillside stairs have been formed. This work is approximately 44 percent complete.

Trend analysis of the cost and schedule data indicates that the project is on schedule and within budget. The Cost Performance Index (BCWP/ACWP) is 1.07 and the Schedule Performance Index (BCWP/BCWS) is 0.90. All milestones will be completed on schedule. Overall the project is 70 percent complete and progressing well.

### **BACKUP INFORMATION**

#### Baseline Document

Document Title: [Wilson Hall Safety Improvements Project Execution Plan](#)  
Approving Official: [Fermi Group Manager](#)

Date of Document: [12/4/98, Revision 2 - 8/8/2000](#)

#### Footnotes:

Alternate Cost Status Report (earned value TEC and TPC) as of [June 30, 2001](#)  
(Dollars in thousands)

Cumulative to Date

At Completion

WBS Item	Contractor	Task Description	BCWS	BCWP	ACWP	Budget	Cont Est	Proj Mrg Est
<a href="#">1</a>	<a href="#">Fermilab</a>	<a href="#">TEC</a>	<a href="#">11,529</a>	<a href="#">10,381</a>	<a href="#">9,689</a>	<a href="#">15,600</a>	<a href="#">14,840</a>	<a href="#">14,840</a>

Change Activity ([2nd Quarter FY01](#))

Level 0 - [None](#)

Level 1 - [None](#)

Level 2 - [None](#)



Drilling for installation of post tensioning rods





Demolition of Exterior Concrete



North Entry Plaza

